

SUTURING DEVICE

Abstract of the Disclosure

5 A suturing device for suturing a portion of biological tissue includes a needle attached to a suture, a needle holder that releasably holds the needle, and a needle driver adapted to be advanced and retracted substantially parallel to a longitudinal axis of the suturing device. A distal needle holder adapted to releasably hold the needle is positioned in a distal position relative to the portion of biological tissue and a distal end of the needle driver is positioned in a proximal position relative to the portion of biological tissue. The needle is positioned in either the proximal position or the distal position. The needle driver is moved longitudinally in a first direction along a path substantially parallel to the longitudinal axis such that the needle and suture pass through the portion of biological tissue, thereby forming a suture incision through which the suture passes. By repeating the above-described processes, a series of stitches is thereby formed.

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